

FIG. 1

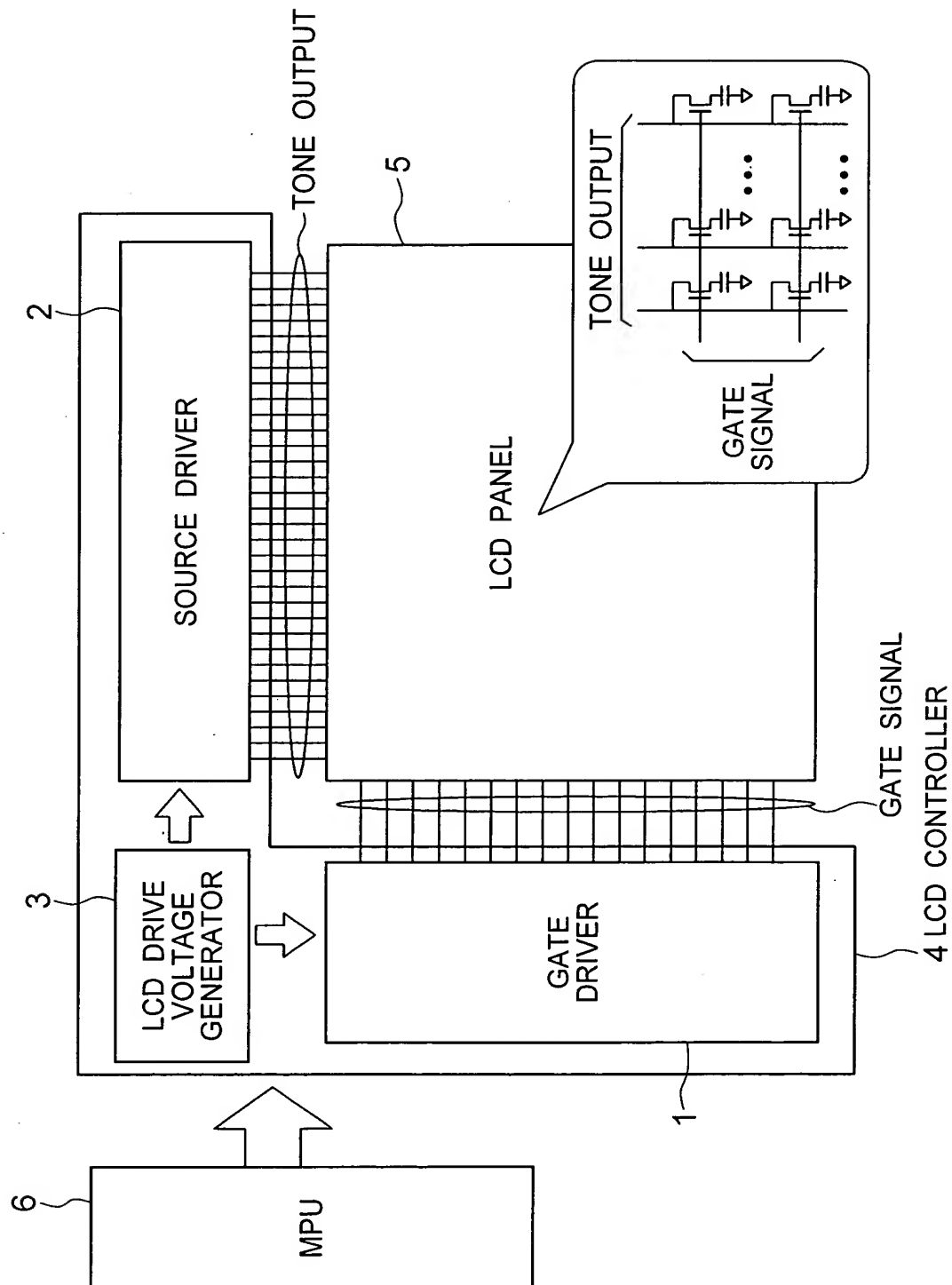


FIG. 2

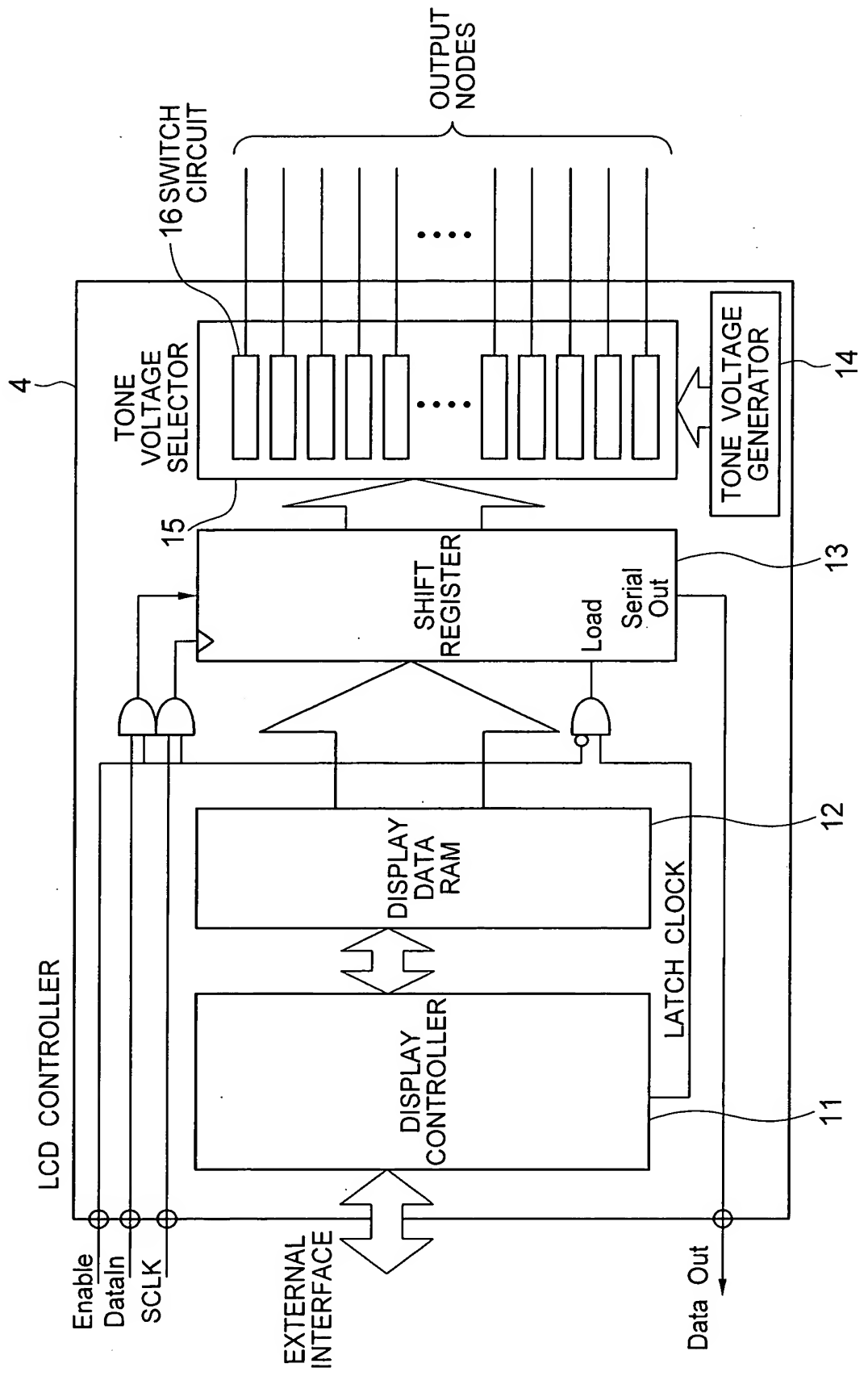


FIG. 3

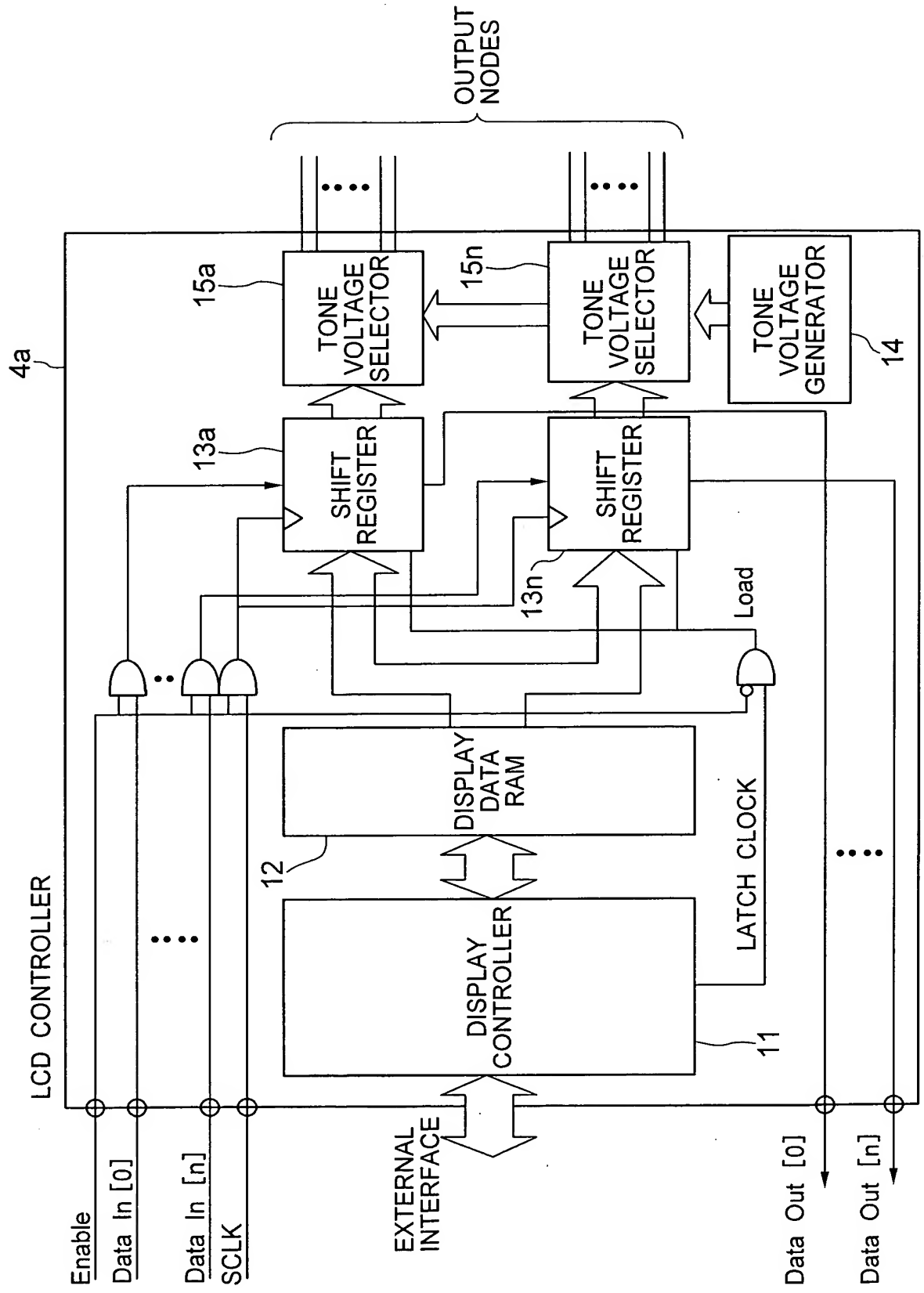


FIG. 4

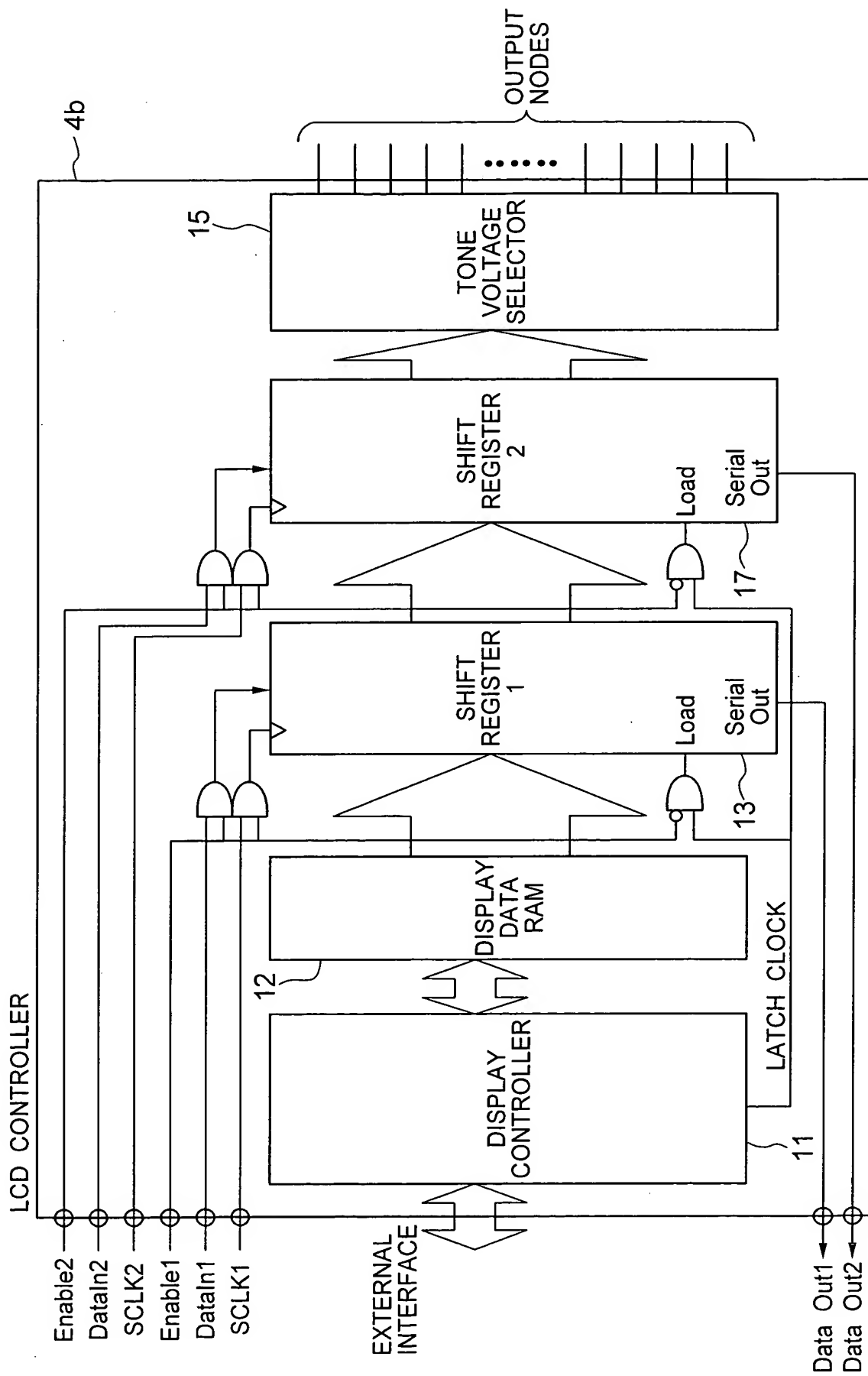
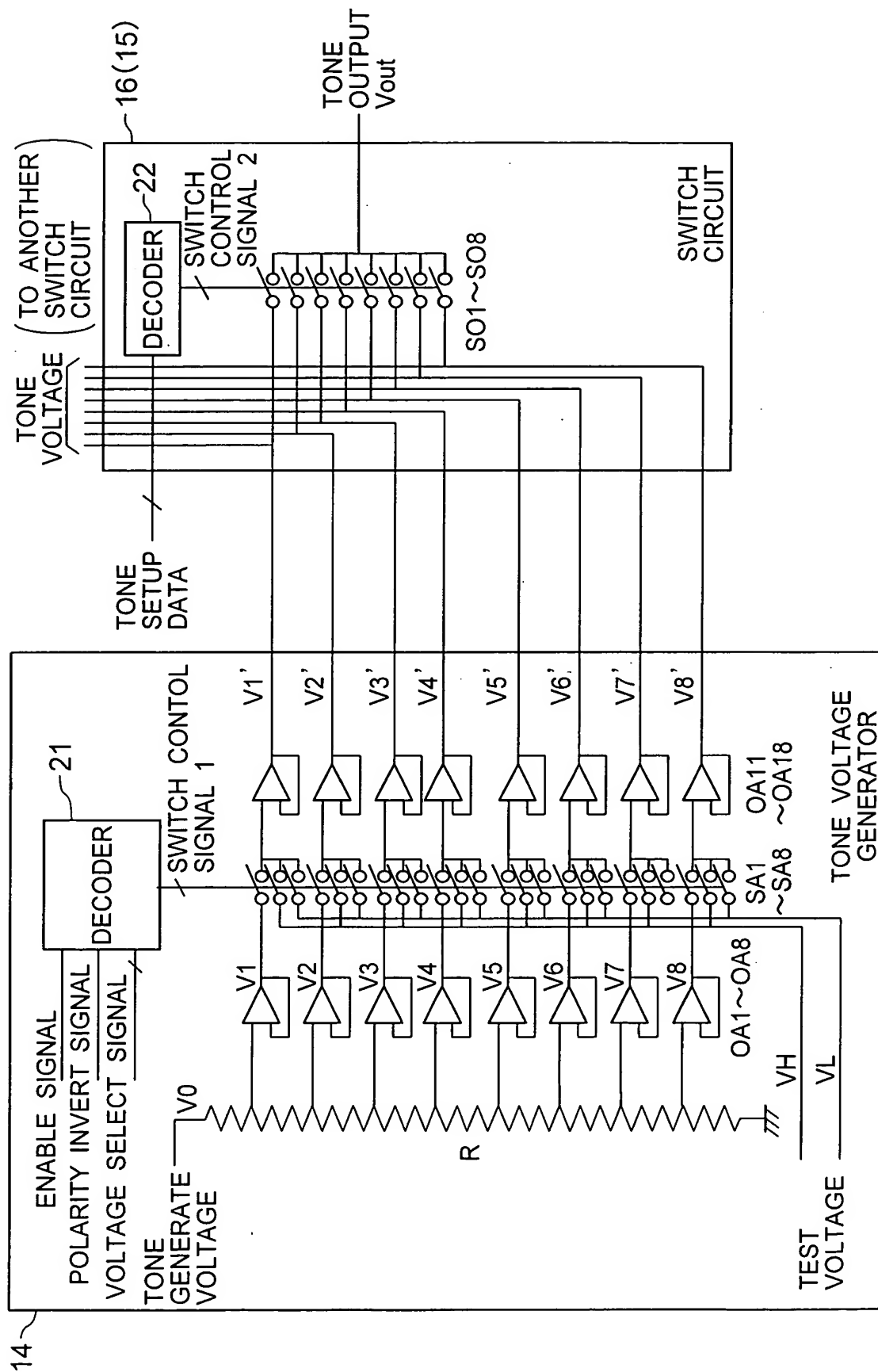


FIG. 5



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[illegible]

The diagram illustrates the internal structure of the tone generation circuit 14. It is divided into two main functional blocks: the 'TONE VOLTAGE GENERATION CIRCUIT' and the 'SWITCH CIRCUIT' (labeled 16a).

The 'TONE VOLTAGE GENERATION CIRCUIT' on the left receives eight input signals: V0, V1, V2, V3, V4, V5, V6, and V7. It also has two additional inputs, VH and VL, and is controlled by two lines: 'POLARITY INVERT' and 'TONE CHANGE'. The outputs of this circuit are connected to the 'SWITCH CIRCUIT'.

The 'SWITCH CIRCUIT' (16a) implements the 'TONE SETUP DATA'. It features three data inputs: D0, D1, and D2. The circuit contains several switches, including SO11 through SO18, SO21 through SO24, and SO31 through SO32. These switches are configured to process the signals from the voltage generation circuit based on the setup data, ultimately producing the 'TONE OUTPUT'.

FIG. 8

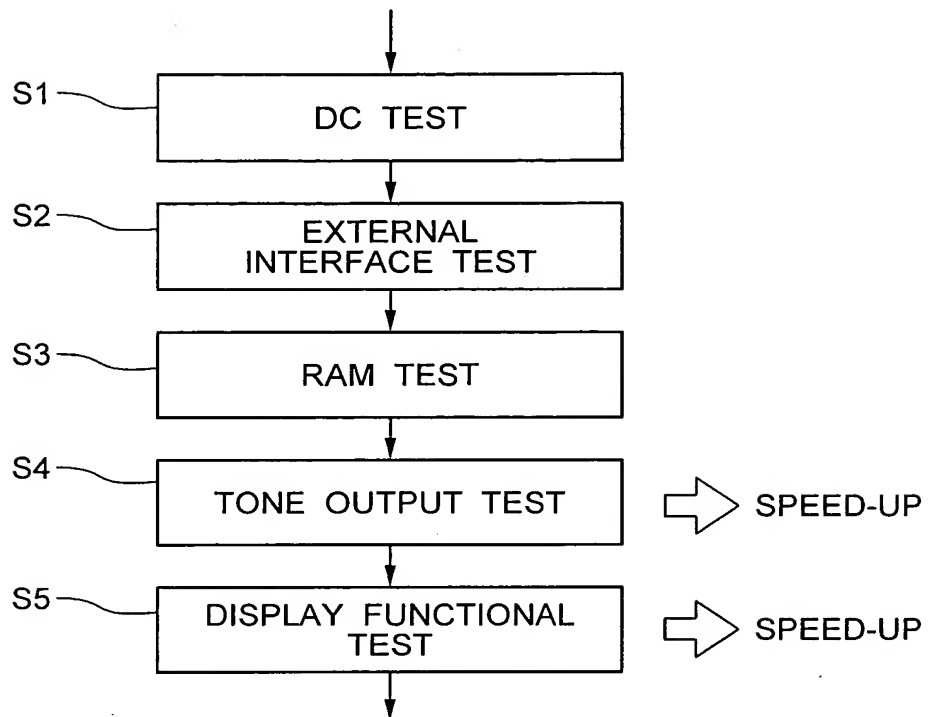


FIG. 9

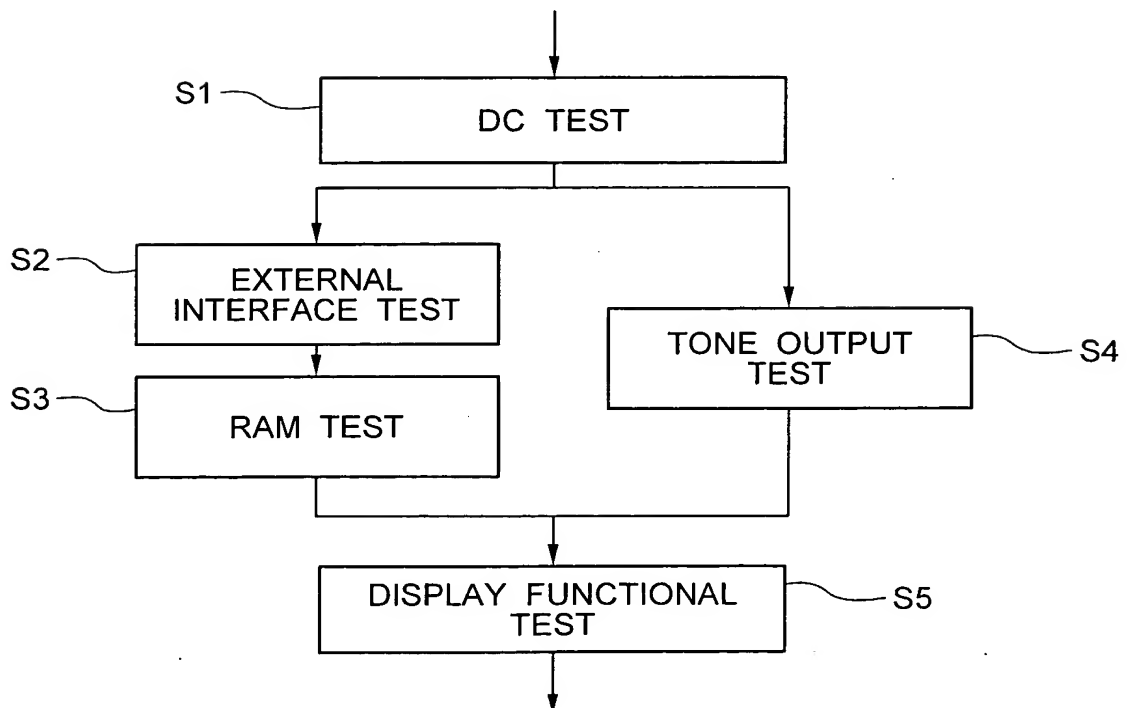




FIG. 10

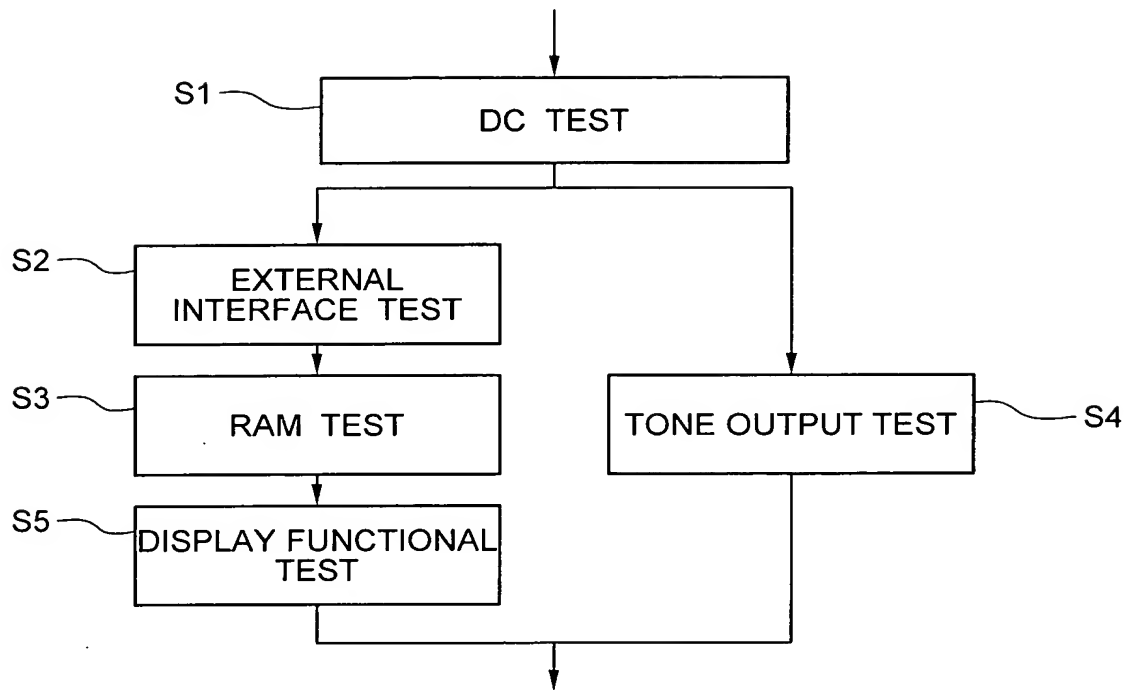


FIG. 11

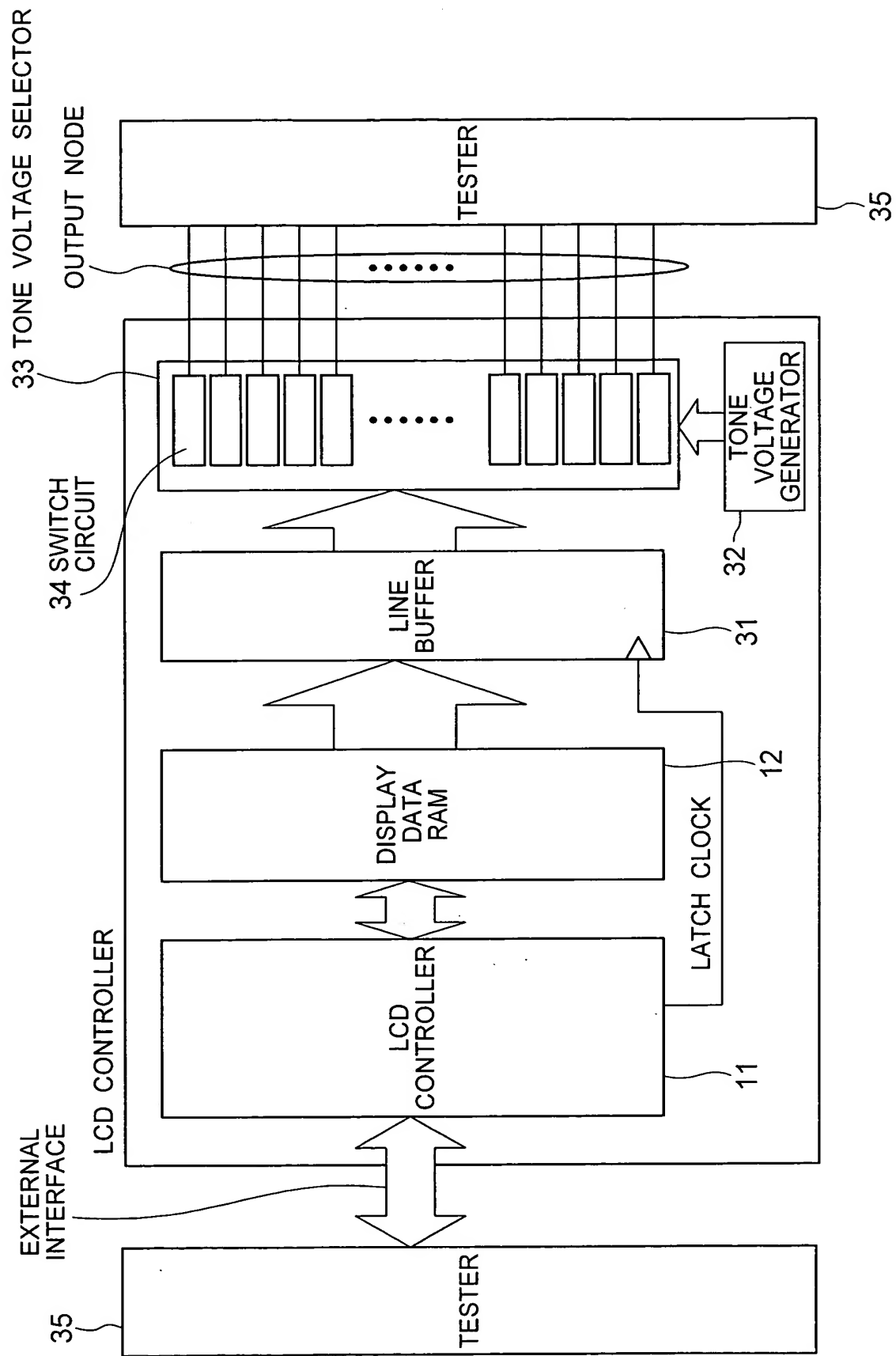


FIG. 12

